

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035363.D
 Acq On : 23 Jun 2018 11:36
 Operator : JU/SJ
 Sample : J3623-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

Quant Time: Jun 25 07:08:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

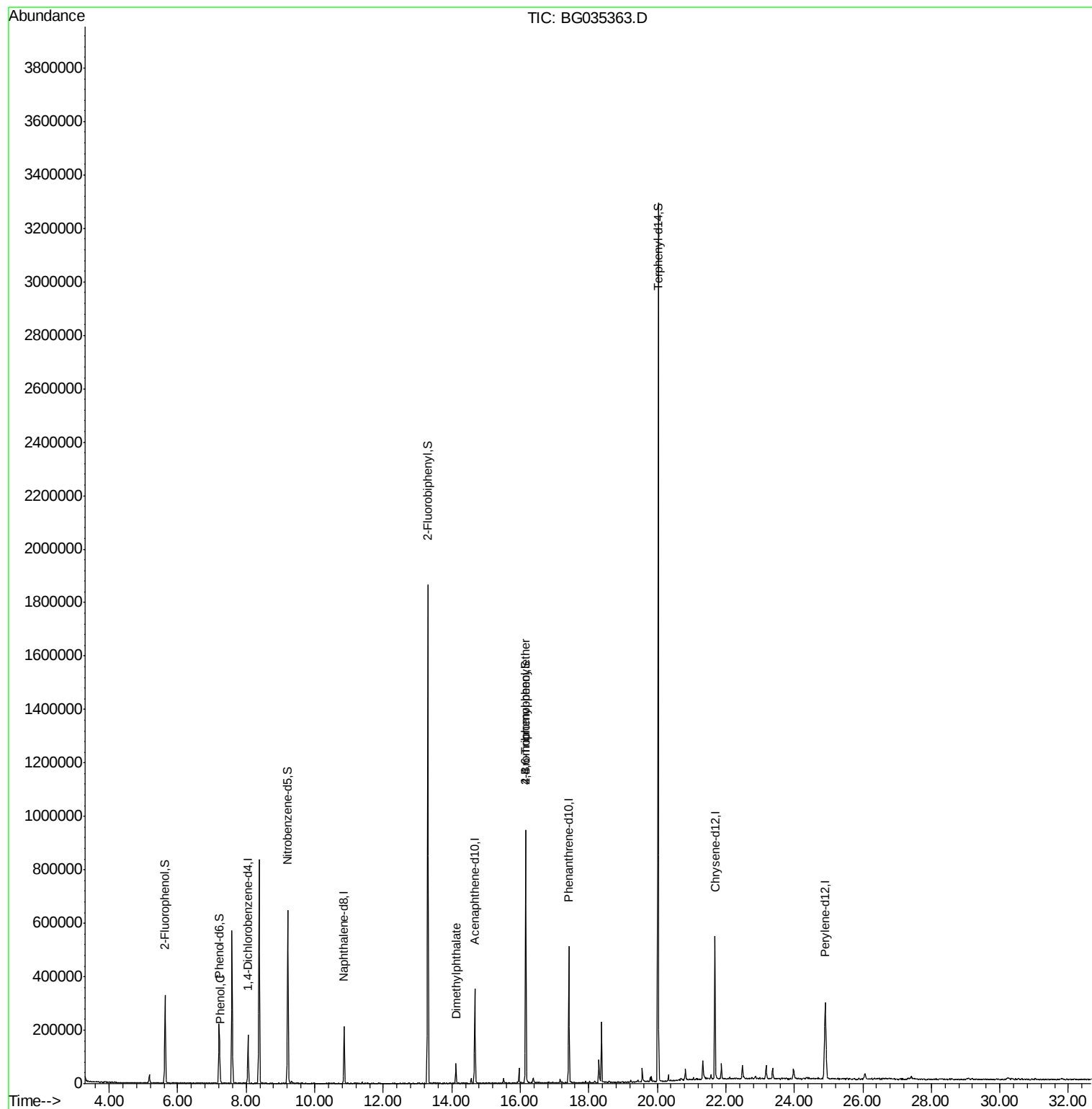
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50929	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180903	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	118933	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	320663	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	342313	20.00	ng	-0.03
86) Perylene-d12	24.90	264	332039	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147710	48.95	ng	0.00
7) Phenol-d6	7.21	99	141382	31.74	ng	-0.02
23) Nitrobenzene-d5	9.22	82	437548	114.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	183786	120.71	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1001495	109.47	ng	-0.03
78) Terphenyl-d14	20.03	244	1600449	97.93	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	11312	2.454	ng	96
49) Dimethylphthalate	14.12	163	50193	4.840	ng	# 98
66) 4-Bromophenyl-phenylether	16.16	248	14327	3.710	ng	# 1

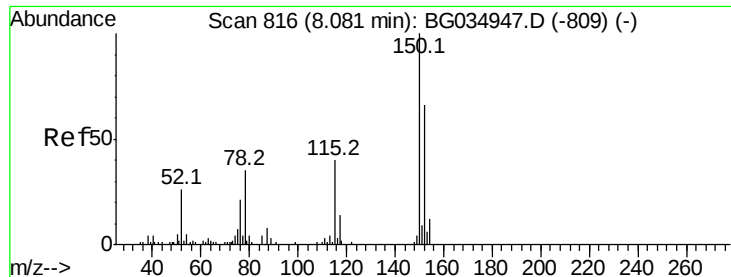
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

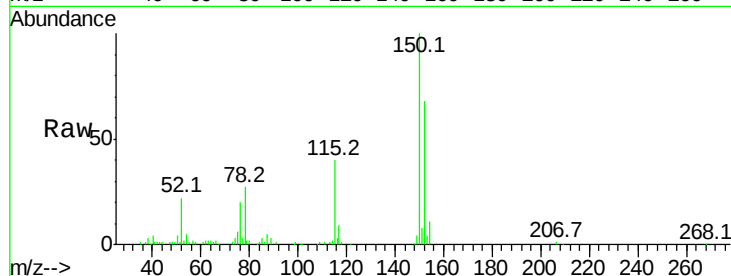
Tot Ion:152 Resp: 50929

Ion Ratio Lower Upper

152 100

150 147.7 126.6 189.8

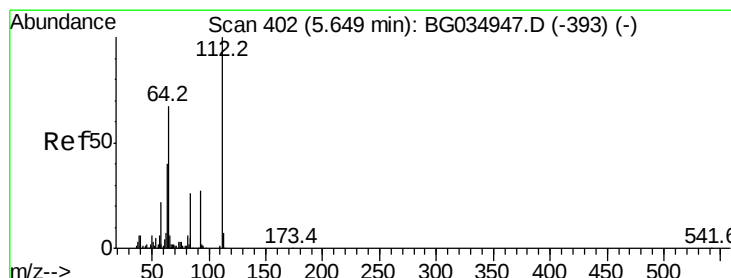
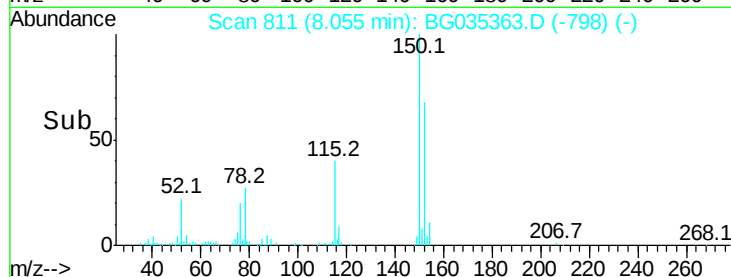
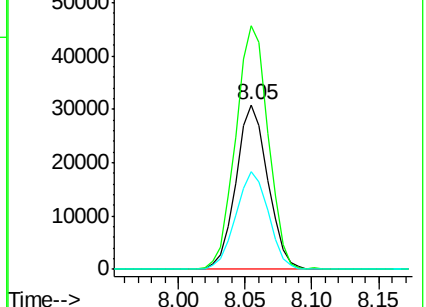
115 59.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 48.946 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

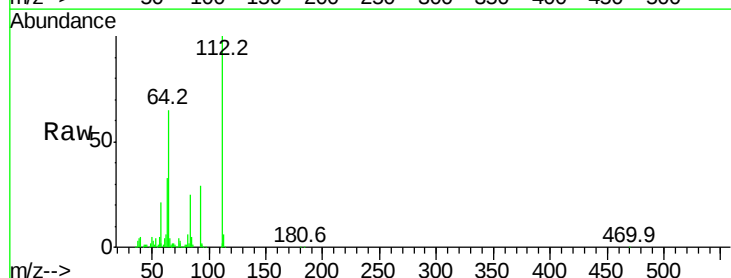
Tgt Ion:112 Resp: 147710

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

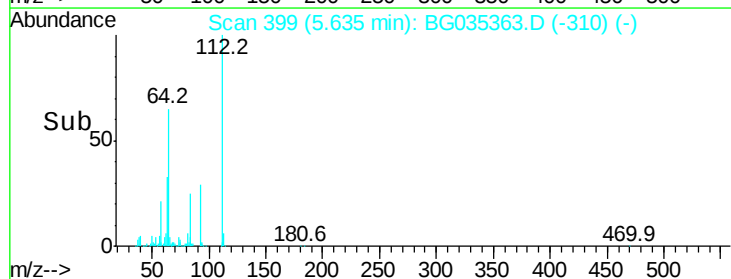
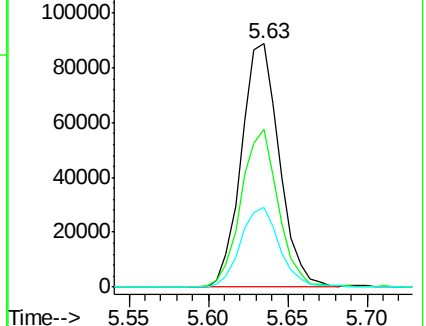
63 32.6 30.1 45.1

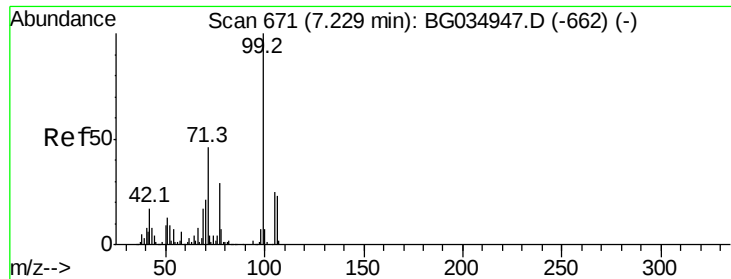


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.742 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

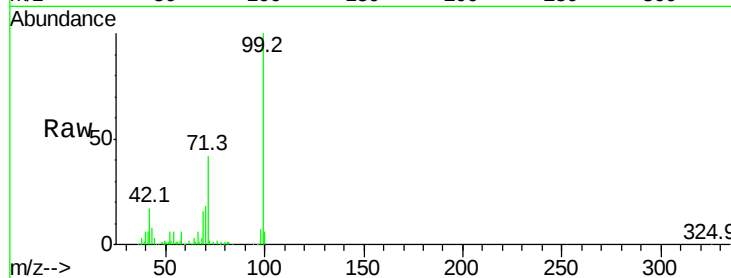
Tot Ion: 99 Resp: 141382

Ion Ratio Lower Upper

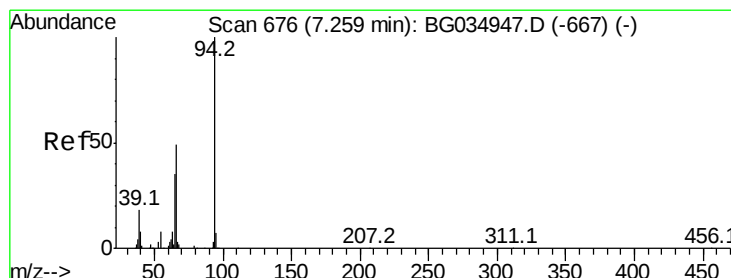
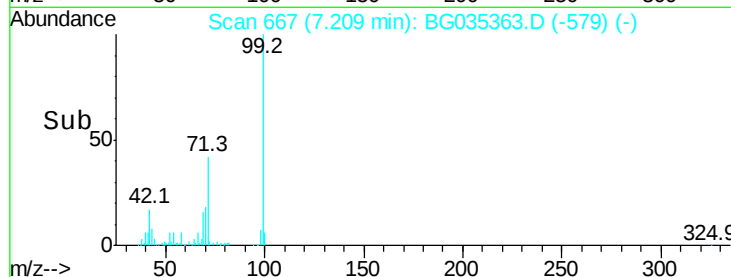
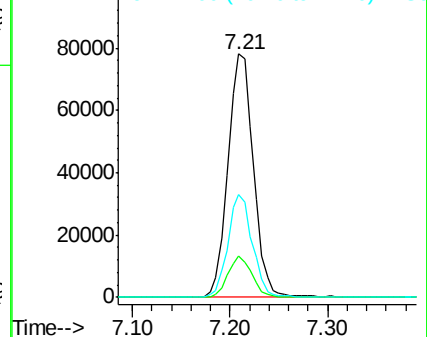
99 100

42 17.0 14.1 21.1

71 42.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.454 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

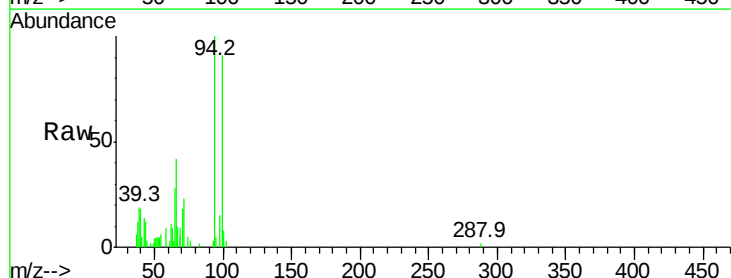
Tgt Ion: 94 Resp: 11312

Ion Ratio Lower Upper

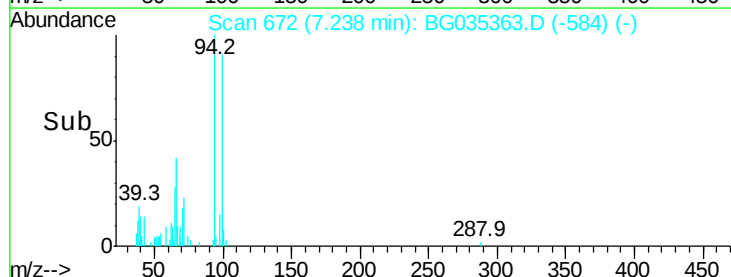
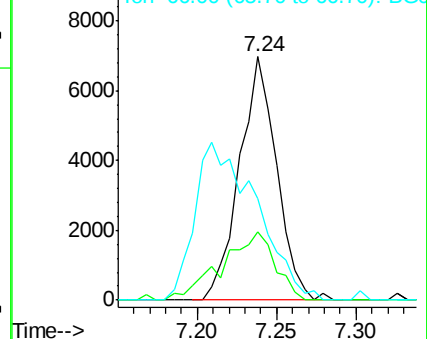
94 100

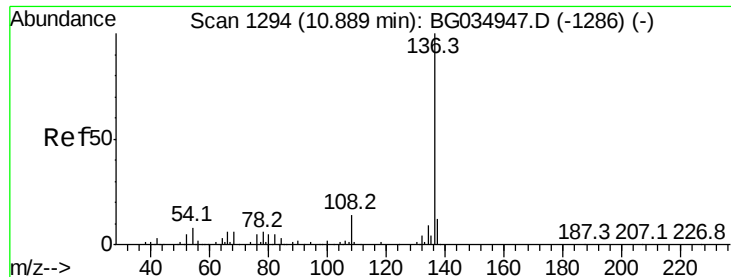
65 27.8 11.9 51.9

66 41.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

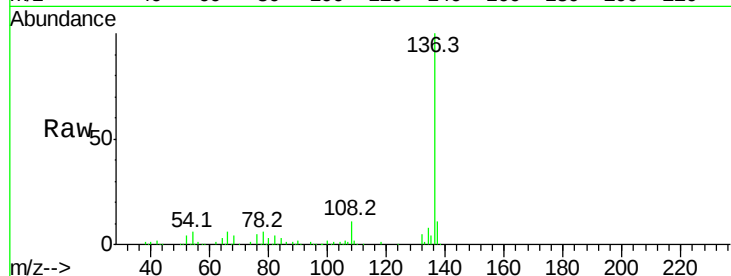




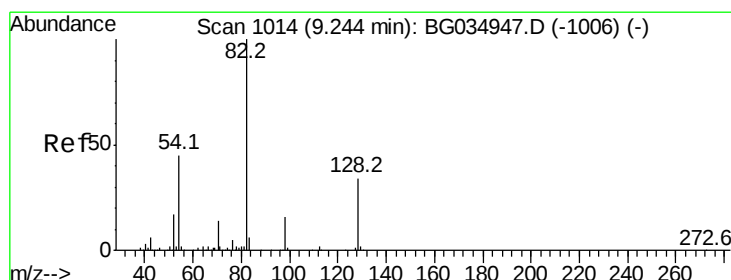
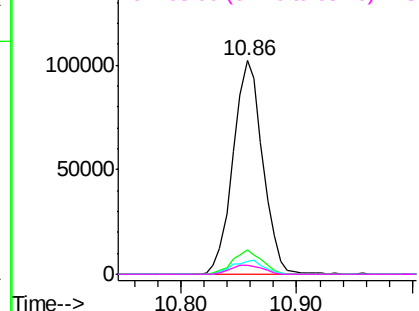
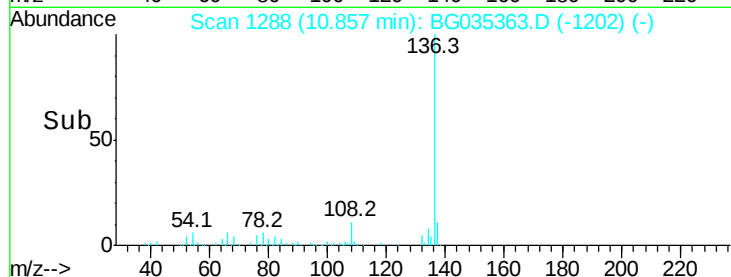
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

Tot Ion:136	Resp:	180903
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	5.7	10.3 15.5#
68	4.3	4.5 6.7#

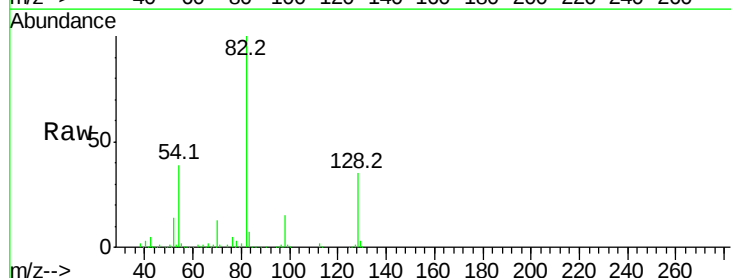


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

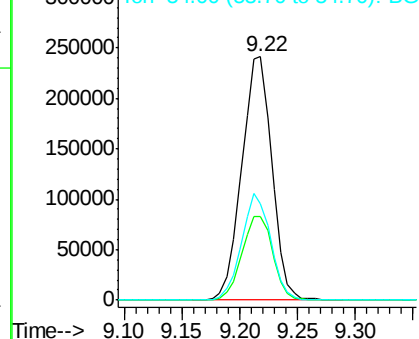
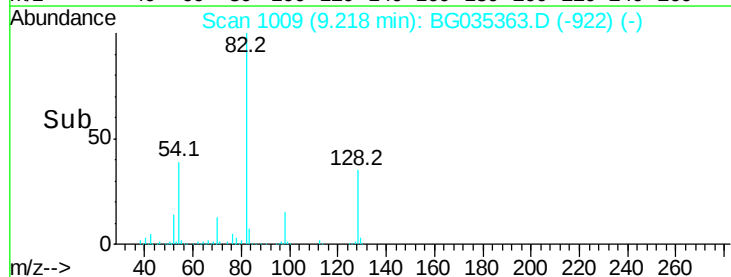


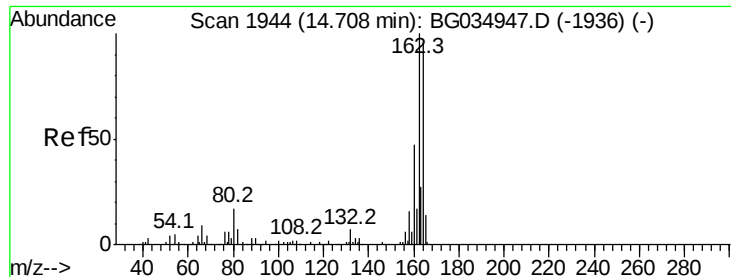
#23
Nitrobenzene-d5
Concen: 114.971 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Tgt Ion: 82	Resp:	437548
Ion Ratio	Lower	Upper
82	100	
128	34.6	29.7 44.5
54	39.4	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

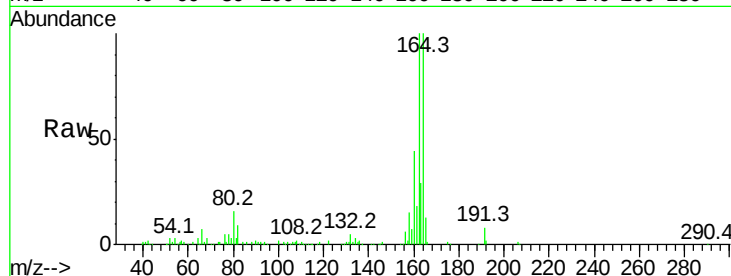
Tot Ion:164 Resp: 118933

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

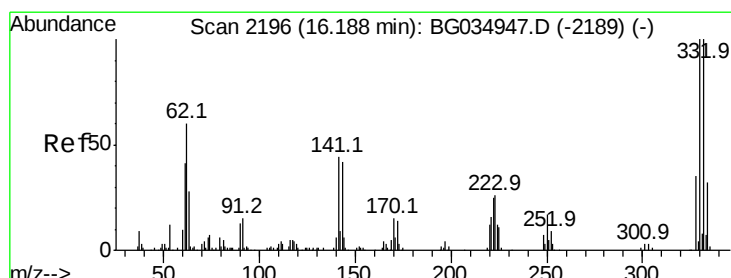
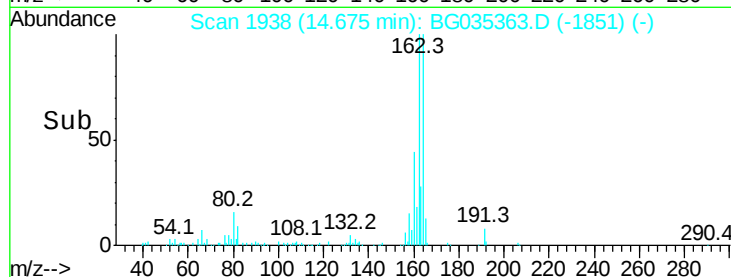
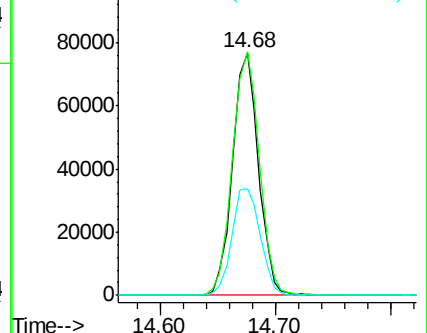
160 43.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.714 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

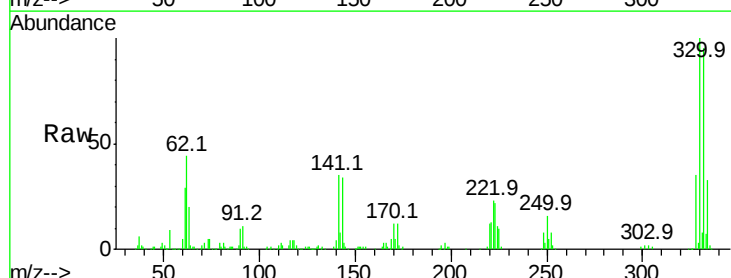
Tgt Ion:330 Resp: 183786

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

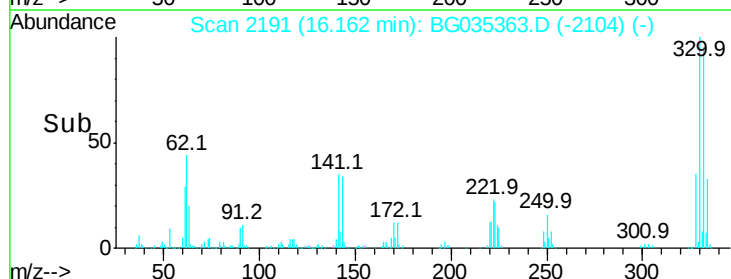
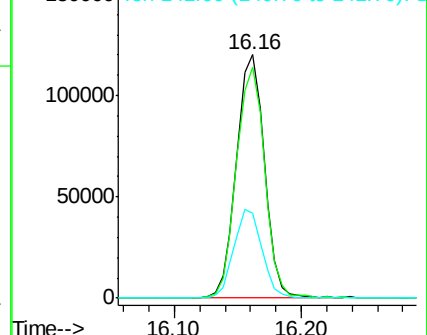
141 36.5 25.2 37.8

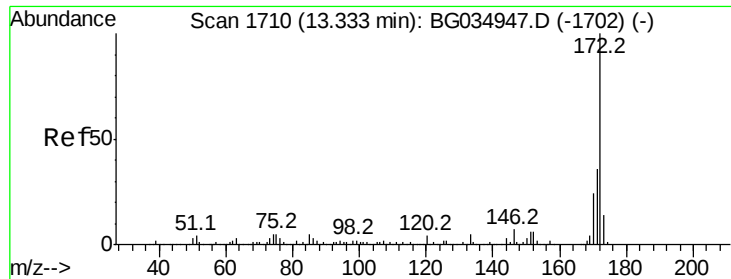


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

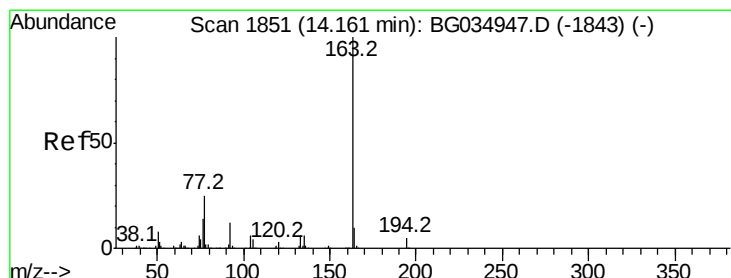
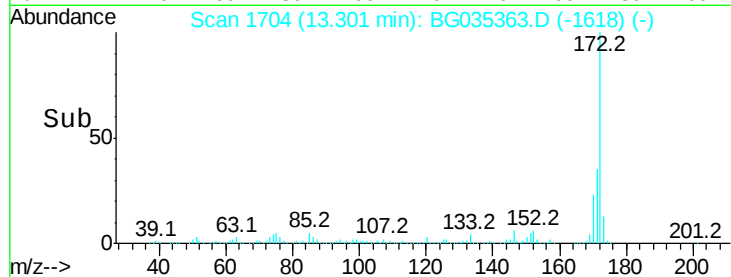
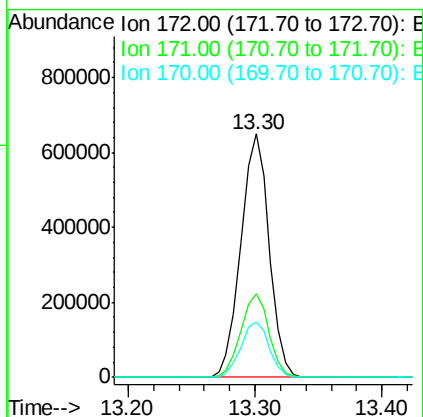
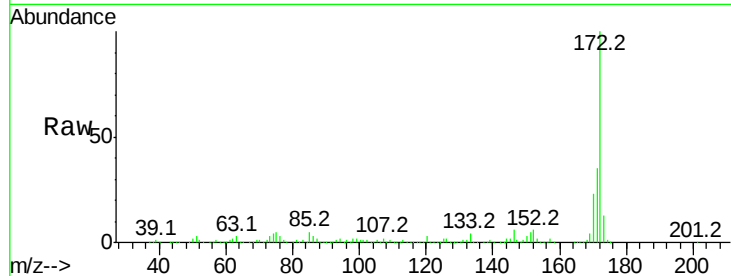




#44
2-Fluorobiphenyl
Concen: 109.468 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

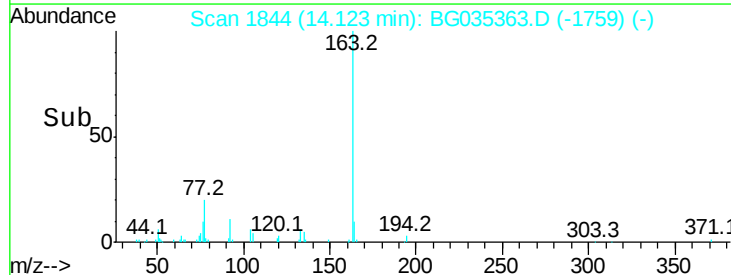
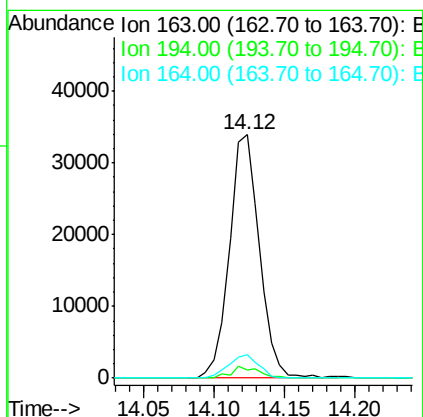
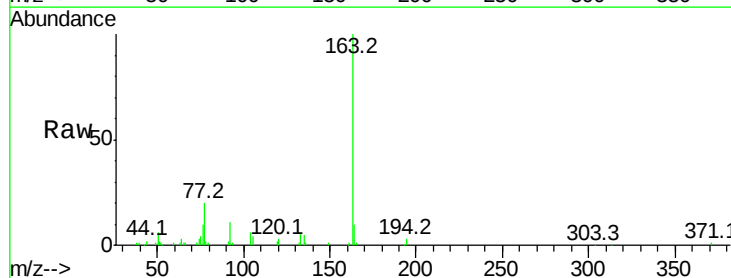
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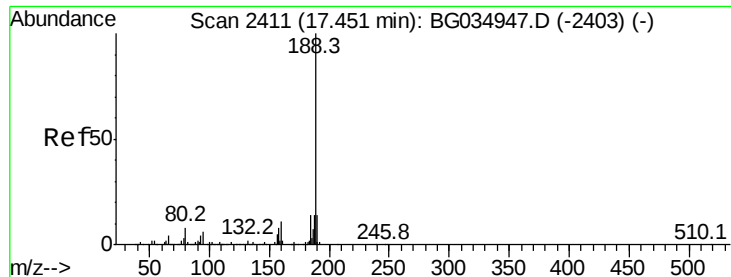
Tot Ion:172 Resp: 1001495
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 4.840 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Tgt Ion:163 Resp: 50193
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 9.5 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

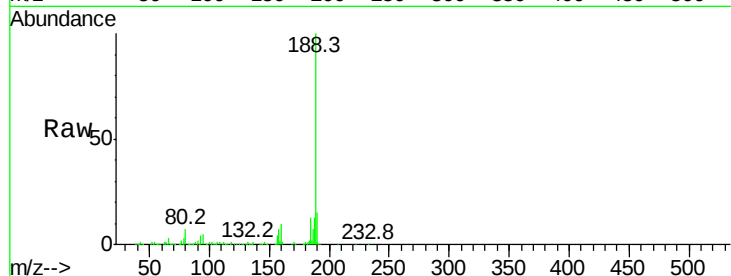
Tot Ion:188 Resp: 320663

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

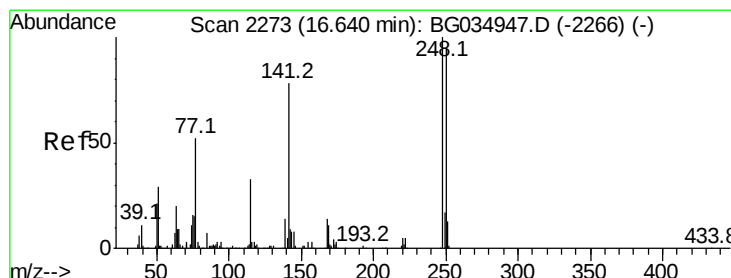
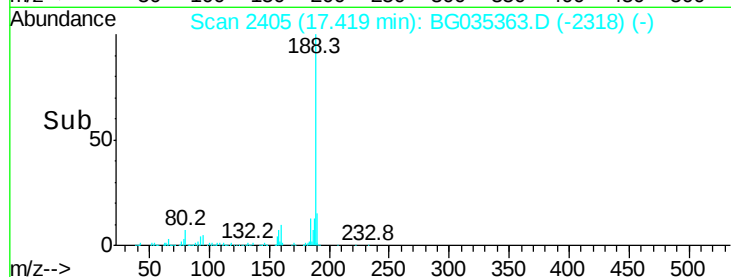
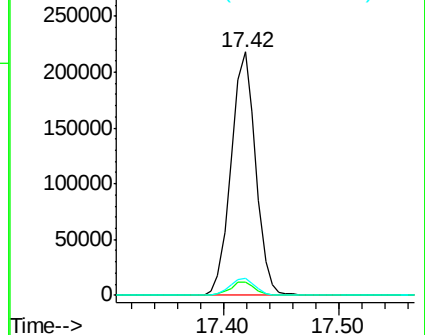
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 3.710 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.47 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

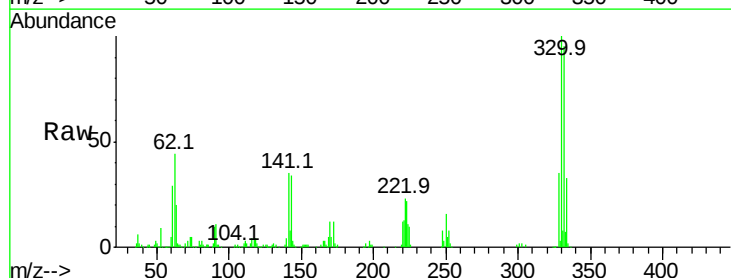
Tgt Ion:248 Resp: 14327

Ion Ratio Lower Upper

248 100

250 206.7 77.1 115.7#

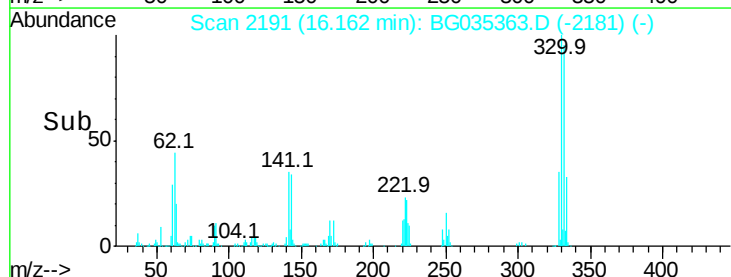
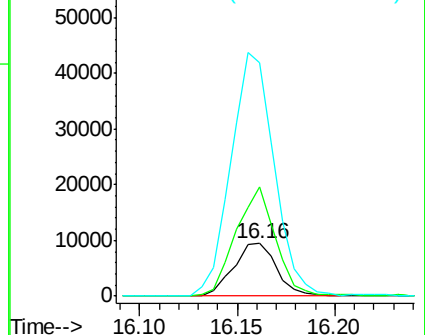
141 442.0 50.8 76.2#

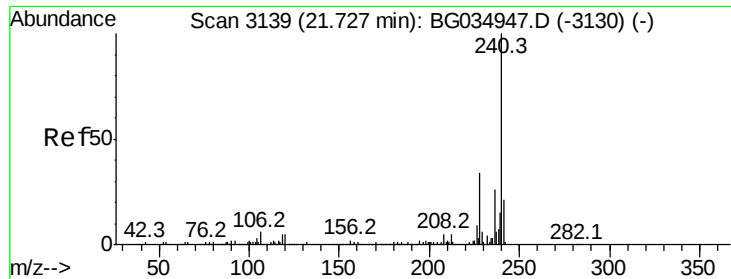


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035363.D

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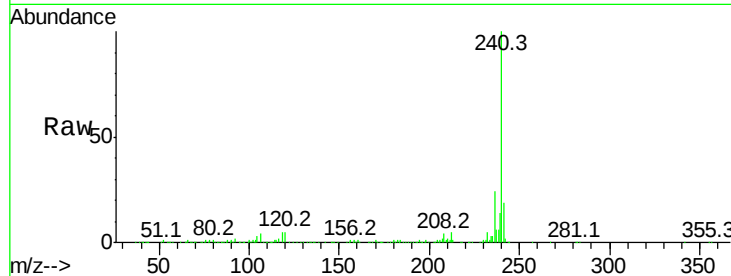
Tot Ion:240 Resp: 342313

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

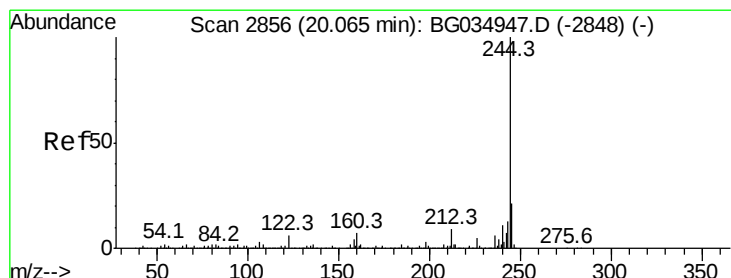
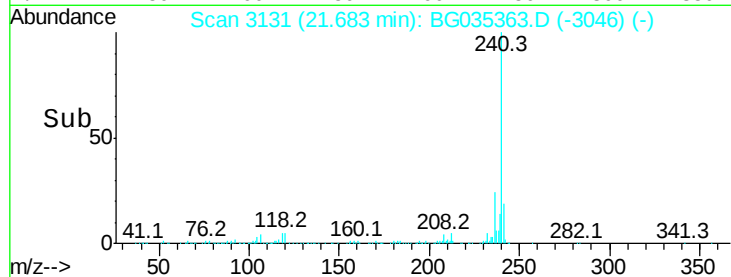
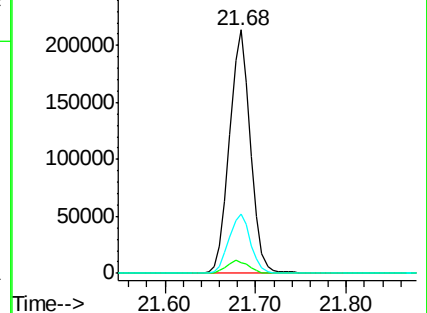
236 24.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 97.934 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

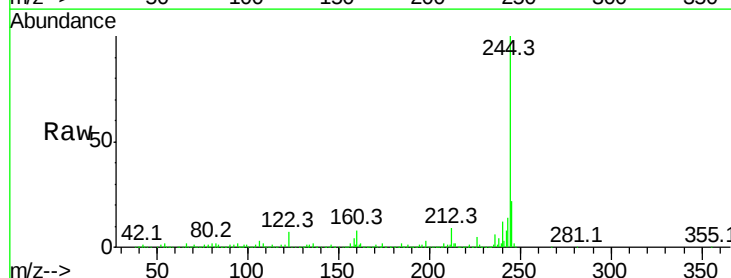
Tgt Ion:244 Resp: 1600449

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

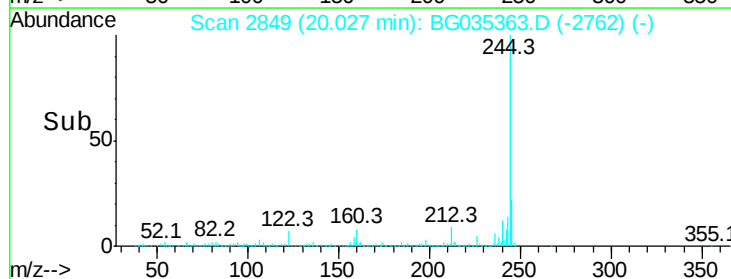
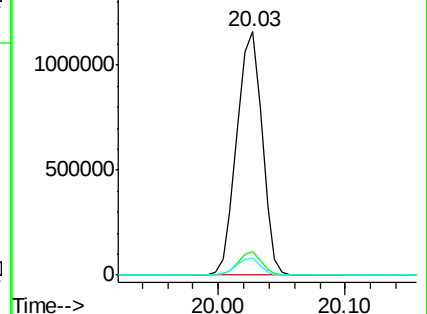
122 6.9 7.0 10.4#

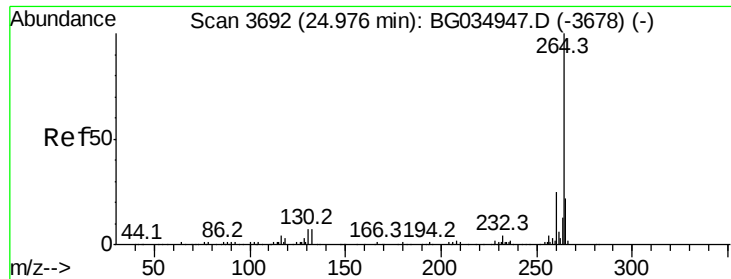


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

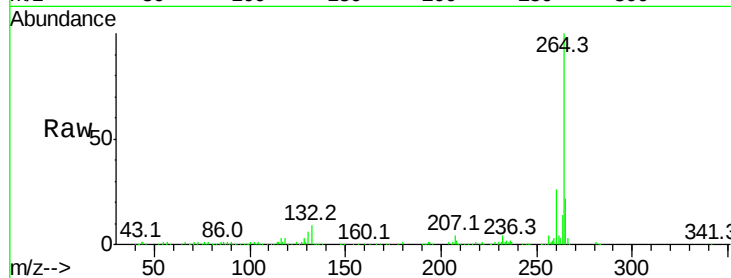




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.0
265	22.4	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

